

## MP3 Players

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Fall Workshop 2008

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## Audio Formats

- .WAV – lowest compression creates largest files with best sound quality – CD quality.
- .MP3 – higher compression with slightly less quality

.AAC – even higher compression with slightly less sound quality. Small files. Associated w/iTunes.

.WMA – similar to AAC compression and quality but for Windows Media Player.

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## DRM (Digital Rights Management) Wars



ZEN

Small wonder

- Apple uses AAC DRM in iPods and iTunes
- Most other players use WMA DRM (Windows Media Player, OverDrive, NetLibrary)
- Zune and Sony have their own DRM

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### iPods and OverDrive MP3s

- iPods tend to cost about twice as much as comparable non-iPod MP3 players
- Play only selected Overdrive titles available as MP3s – not entire collection
- If you already have an iPod, you can use it
- But you may want to get another MP3 player to have access to all our titles
- There are new models coming out all the time!

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### Hard Drive v Flash Memory

#### Hard Drives

- Much greater capacity – up to 160 GB
- More storage for less – 60 GB Zen Vision M @ \$299
- Larger
- More fragile
- More features

#### Flash

- Largest flash capacity around 32 GB
- Flash memory relatively more expensive – 16 GB Zen @ \$299
- Smaller size
- Less fragile

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### Rechargeable v Replaceable Batteries

#### Rechargeable

- Most recharge via USB port on computer
- Power adaptors \$20 - \$40 extra
- May need to be recharged for long books

#### Replaceable

- Most use AAA batteries - inexpensive and easy to replace
- Relatively few players available

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## Devices for Checkout?



**MuVo**  
V100

Everyone's choice for music  
on the go

- Easy to use
- Inexpensive
- Few parts to lose or damage
- At least 512 MB storage
- WMA DRM compatible
- Can handle large single files

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## Items to Consider

- Headphones
- AAA batteries OR
- Rechargers
- Car stereo converters
  - Cassette adapters
  - FM transmitters
  - Connectors
- Accessories
- Firmware updates

### Test Players

- Creative Muvo V100 1 GB - \$29.99
- Creative Zen Nano 1 GB - \$24.99
- SanDisk Sansa M240 1 GB - \$34.99
- Creative Zen V 1 GB - \$39.99

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## Desirable Features

- Bookmarking
- FM radio
- Voice recording
- Calendar
- Contacts
- Photos
- Cell phone
- Video
- Music
- Speakers
- Direct CD recording
- Music subscription services
- WiFi
- Replaceable rechargeable battery
- Additional flash memory
- Games
- Software

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## Bookmarks vs. Auto resume

From CNET 11/07

- Creative Zen V Plus – 2 GB @ \$55.99
- Cowon D2 – 2 GB @ \$189.99
- Cowon iAudio 7 – 8 GB @ \$132.33
- Creative Zen – 4 GB @ \$79.99
- Archos 105 – 2 GB @ \$48.86

Most players will resume where you left off but it can be quirky

- Turn off rather than pause and shut down
- May not work if you
  - Leave the title you were listening to
  - Recharge/replace batteries
  - Add new content
  - Allow player to shut itself down

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## New MP3 Players Reviewed



SanDisk Sansa® Fuze™  
2 GB - \$79.99  
4 GB - \$99.99  
8 GB - \$129.99

- Plays music, videos, audiobooks
- FM Radio
- Auto resume asks whether you want to Resume Playback or Start from the Beginning
- But other auto resume caveats apply

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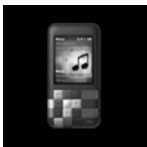
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## New MP3 Players Reviewed 2



Creative Zen Mozaic  
2 GB - \$59.99  
4 GB - \$79.99  
8 GB - \$99.99  
16 GB - \$149.99

- Plays music, videos, audiobooks
  - FM Radio
  - Bookmarks
  - Built-in speaker
  - Calendar and contacts
- Replacement model for Zen V/Plus?

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## New MP3 Players Reviewed 3



SanDisk Sansa Clip

1 GB - \$39.99

2 GB - \$59.99

4 GB - \$79.99

- Plays music, audiobooks
- FM Radio
- Voice recording
- Navigation
- Wearable clip

SanDisk's answer to Creative Zen Stone/iPod Shuffle

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## Other Options

- Listening to audiobooks on desktop or laptop
  - Can use USB drive to download audiobook from library and transfer to home computer
- Burn to CD (option with some OverDrive titles)

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## Other Resources

Links to review sites and other MP3 player information stored on delicious

<http://delicious.com/tag/MyMTlib2go>

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